

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
12 May 2005 (12.05.2005)

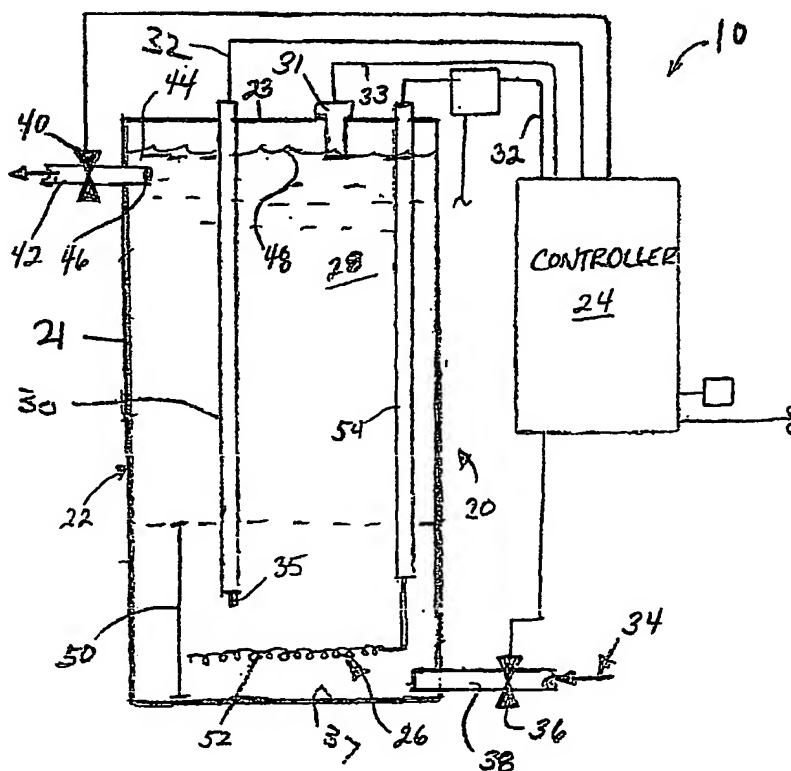
PCT

(10) International Publication Number
WO 2005/041731 A3

- (51) International Patent Classification⁷: **F24H 1/20**
- (21) International Application Number:
PCT/US2004/034659
- (22) International Filing Date: 20 October 2004 (20.10.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/512,684 20 October 2003 (20.10.2003) US
60/523,177 18 November 2003 (18.11.2003) US
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- (81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.
- (84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report

[Continued on next page]

(54) Title: SYSTEM, METHOD AND APPARATUS FOR HEATING WATER



(57) Abstract: Disclosed are a water heating system, a method of heating water and a water heating apparatus for use in providing successive volumes of heated water at a generally consistent temperature. In one aspect of the disclosure, a water heating system includes a reservoir (22) for containing water (28), the reservoir having an inlet zone (50) comprising a lower portion of the reservoir and an outlet zone comprising an upper portion of the reservoir. A water inlet (38) is provided in fluid communication with a source (34) of water and the inlet zone. A heater (26) is positioned within the inlet zone is coupled to the reservoir. A temperature sensor (30) is positioned within the inlet zone, and a water outlet (46) is provided in fluid communication with the outlet zone. A controller (24) is coupled to the heater and the temperature sensor, the controller using information from the temperature sensor to controllably operate the heater to generally maintain a desired temperature within the reservoir.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report:
27 October 2005